AUTHOR INDEX

ABRAMSON, E.J., *see* Krco, C.J.
ADES, E.W., *see* Bonewald, L.
AIZAWA, M., *see* Ogasawara, K.
AMOS, D.B., *see* Balber, A.E.
ANSTEE, D.J., *see* Ridgwell, K.
ARTZT, K., *see* Balber, A.E.
ASHMAN, R.B., *see* O'Neill, H.C.
ATASSI, M.Z., *see* Bixler Jr, G.S.
ATASSI, M.Z., *see* Krco, C.J.
AUCHINCLOSS JR, H., *see* Thistlethwaite Jr, J.R.

BABU, U.M., *see* Lai, C-H.
BABU, U.M., LAI, C-H. & MAURER, P.H. *Ir* gene control of T and B cell responses to determinants in (Glu Lys Ala) terpolymers 251
BAKER, C.J., *see* Pandey, J.P.
BALBER, A.E., AMOS, D.B. & ARTZT, K. H-2 antigens of certain t and non-t mice react with the same monoclonal antibody. 127
BALLS, M., *see* Ruben, L.N.
BATCHELOR, J.R., *see* Giles, C.M.
BAZIN, H., *see* Hirsch, F.
BELL, S.C. Humoral immune responses in murine pregnancy. IV. Strain dependency and alloantibody specificity 21
BENAMMAR ELGAAIED, A., *see* Chaabani, H.
BENDER, K., *see* Giles, C.M.
BIXLER JR., G.S. & ATASSI, M.Z. T cell recognition of lysozyme III. Recognition of the surface-simulation synthetic antigenic sites 245
BIXLER JR, G.S. & ATASSI, M.Z. T cell recognition of myoglobin. Localization of the sites stimulating T cell proliferative responses by synthetic overlapping peptides encompassing the entire molecule 339
BIXLER JR., G.S., YOSHIDA, T. & ATASSI, M.Z. T cell recognition of lysozyme: localization and genetic control of the continuous T cell recognition sites by synthetic overlapping peptides representing the full profile of the protein chain 327
BLANDEN, R.V., *see* O'Neill, H.C.
BLANKERT, H., *see* Claas, F.H.J.
BLUESTONE, J.A., MCKENZIE, I.F.C., MELVOLD, R.W., OZATO, K., SANDRIN, M.S., SHARROW, S.O. & SACHS, D.H. Serological analysis of H-2 mutations using monoclonal antibodies 197
BOIES, E., *see* Granoff, D.M.
BOLDT, D.H., FISCHBACH, M. & KUEHL, T.J. Cellular immunology in the baboon (*Papio cynocephalus*): examination of structural and functional characteristics of adult and fetal lymphoid cells 219

BONEWALD, L., ADES, E.W., TUNG, E., MARCHALONIS, J.J. & WANG, A.C. Biochemical characterization of human Thy-1 283

CHAABANI, H., HELAL, A.N., VAN LOGHEM, E., LANGANEY, A., BENAMMAR ELGAAIED, A., RIVAT PERAN, L. & LEFRANC, G. Genetic study of Tunisian Berbers. I. Gm, Am and Km immunoglobulin allotypes and ABO blood groups 107

CINADER, B. Chairman's report to the World Health Organization–International Union of Immunological Societies (WHO–IUIS) Nomenclature Committee, Kyoto, 25 August 1983 259

CLAAS, F.H.J., BLANKERT, H., ROODUYN-MOEREL, L. & VAN ROOD, J.J. Influence of non-H-2 genes on the *in vivo* response to penicillin-treated autologous platelets 319

CLOTHIER, R.H., *see* Ruben, L.N.

COLLINS, J.J., *see* Lynes, M.A.

COX, D.W., *see* Walsh, L.J.

DAVID, C.S., *see* Krco, C.J.

DE LANGE, G., WRIGHT, P., VAN EEDE, P., VAN LEEUWEN, F., LONG, H.T. & HONG, N.T.D. Association between leprosy and immunoglobulin allotypes: Gm-A2m and Km frequencies in Vietnamese 173

DELUCA, D. Antigen binding to lymphoid cells of unimmunized mice. V. Use of pure *in vitro* colony-derived cell populations in studies of the identification and clonal distribution of multiple antigen-binding cells 45

DELUCA, D. Antigen binding to lymphoid cells from unimmunized mice. VI. Specificity of purified multiple antigen-binding cells 63

DELUCA, D. Antigen binding to lymphoid cells from unimmunized mice. VII. Restriction of antigen-binding capacity by maturing B lymphocytes 79

DODI, I.A., *see* Giles, C.M.

FERRARA, G.B., *see* Galbraith, G.M.P.

FIELDER, A.H.L., *see* Giles, C.M.

FISCHBACH, M., *see* Boldt, D.H.

FLAHERTY, L., *see* Lynes, M.A.

FLETCHER, A. & HARBOUR, C. An interesting monoclonal anti-N produced following immunization with human group O, NN erythrocytes 121

FOON, K.A., NEUBAUER, R.H. WIKSTRAND, C.J., SCHROFF, R.W., RABIN, H. & SEEGER, R.C. A monoclonal antibody recognizing human Thy-1: distribution on human and non-human primate haematopoietic cells 233

FUDENBERG, H.H., *see* Galbraith, G.M.P.

FUDENBERG, H.H., *see* Pandey, J.P.

FUJIMOTO, Y., *see* Ogasawara, K.

GALBRAITH, G.M.P., PANDEY, J.P., FUDENBERG, H.H. & FERRARA, G.B. HLA, immunoglobulin allotypes and cell-mediated immunity in retinitis pigmentosa: a family study 165

GALLAGHER, P.F., *see* O'Neill, H.C.

GILES, C.M., BATCHELOR, J.R., DODI, I.A., FIELDER, A.H.L., RITTNER, CH., MAUFF, G., BENDER, K., LEVENE, C., SCHREUDER, G.M. TH. & WELLS, L.S. C4 and HLA haplotypes associated with partial inhibition of anti-Rg and anti-Ch 305
GOLDBERG, E.H., *see* Shapiro, M.
GRANOFF, D.M., BOIES, E., SQUIRE, J., PANDEY, J. P., SUAREZ, B., OLDFATHER, J. & RODEY, G.E. Interactive effect of genes associated with immunoglobulin allotypes and HLA specificities on susceptibility to *Haemophilus influenzae* disease 181
GUERCI, O., *see* Pierrez, J.

HARBOUR, C., *see* Fletcher, A.
HARRIS, R.A., HOGARTH, P.M., PENINGTON, D.G. & MCKENZIE, I.F.C. Qa antigens and their differential distribution on lymphoid, myeloid and stem cells 265
HELAL, A.N., *see* Chaabani, H.
HIRSCH, F., PLATTEAU, B. & BAZIN, H. The specific IgM response in rats genetically selected for high or low serum IgM level 375
HOGARTH, P.M., *see* Harris, R.A.
HONG, N.T.D., *see* de Lange, G.

IKEDA, H., *see* Ogasawara, K.
ISHIDA, Y., *see* Ogasawara, K.
ISHIKAWA, N., *see* Ogasawara, K.

JAMES, H.S., *see* Ruben, L.N.

KASAHARA, M., *see* Ogasawara, K.
KASPER, D.L., *see* Pandey, J.P.
KIKUCHI, Y., *see* Ogasawara, K.
KRCO, C.J., ABRAMSON, E.J., YOSHOKA, N., ATASSI, M.Z. & DAVID, C.S. Genetic control of the immune response to haemoglobin. V. Production and characterization of A_β restricted T cell lines and clones 33
KUEHL, T.J., *see* Boldt, D.H.

LAI, C-H., *see* Babu, U.M.
LAI, C-H., BABU, U.M. & MAURER, P.H. Fine specificities of the murine T cell responses to (Glu Lys Ala) terpolymers 355
LANGANEY, A., *see* Chaabani, H.
LARSEN, B., *see* Skanes, V.
LEFRANC, G., *see* Chaabani, H.
LEVENE, C., *see* Giles, G.M.
LOMAS, C.G., *see* Oliveira, O.L.P.
LONG, H.T., *see* de Lange, G.
LYNES, M.A., FLAHERTY, L., MICHAELSON, J., COLLINS, J.J. & RINCHIK, E.M. Allogeneic reactivity in normal mouse serum 189

MARCHALONIS, J.J., *see* Bonewald, L.

MAUFF, G., *see* Giles, C.M.
MAURER, P.H., *see* Babu, U.M.
MAURER, P.H., *see* Lai, C-H.
MCKENZIE, I.F.C., *see* Bluestone, J.A.
MCKENZIE, I.F.C., *see* Harris, R.A.
MELVOLD, R.W., *see* Bluestone, J.A.
MICHAELSON, J., *see* Lynes, M.A.
MIZUNO, K., *see* Ogasawara, K.

NATORI, T., *see* Ogasawara, K.
NEUBAUER, R.H., *see* Foon, K.A.

OGASAWARA, K., TAKENOUCHI, T., KASAHARA, M., IKEDA, H., OKUYANA, T., ISHIKAWA, N., FUJIMOTO, Y., MIZUNO, K., SATO, H., ISHIDA, Y., WAKISAKA, A., NATORI, T., KIKUCHI, Y. & AIZAWA, M. Three monoclonal antibodies specific for human class II antigens detect *RTIB*-linked polymorphisms in rat B cells 255
OKUYAMA, T., *see* Ogasawara, K.
OLDFATHER, J., *see* Granoff, D.M.
OLIVEIRA, O.L.P., THOMAS, D.B., LOMAS, C.G. & TIPPETT, P. Restricted expression of LW antigen on subsets of human B and T-lymphocytes 297
O'NEILL, H.C., ASHMAN, R. B., GALLAGHER, P.F., WOODHAMS, C.E. & BLANDEN, R.V. Variation in H-2 antigen expression on lymphomyeloid cells in semi-allogeneic irradiation chimeras 135
OTH, D., *see* Pierrez, J.
OZATO, K., *see* Bluestone, J.A.

PANDEY, J.P., BAKER, C.J., KASPER, D.L. & FUDENBERG, H.H. Two unlinked genetic loci interact to control the human immune response to type III group B streptococcal antigen 159
PANDEY, J.P., *see* Galbraith, G.M.P.
PANDEY, J.P., *see* Granoff, D.M.
PARMIANI, G., *see* Pierotti, M.A.
PENINGTON, D.G., *see* Harris, R.A.
PESCOVITZ, M.D., *see* Thistlethwaite Jr, J.R.
PIEROTTI, M.A. & PARMIANI, G., Alien antigens on tumour cells revisited 1
PIERREZ, J., GUERCI, O. & OTH, D. H-2 control of polyadenylated mRNA production in the spleen of mice injected with *Brucella* antigens 149
PIZARRO, O., *see* Vergara, U.
PLATTEAU, B., *see* Hirsch, F.

RABIN, H., *see* Foon, K.A.
RIDGWELL, K., TANNER, M.J.A. & ANSTEE, D.J. The Wr^b antigen in St^a-positive and Dantu-positive human erythrocytes 365
RINCHIK, E.M., *see* Lynes, M.A.
RITTNER, CH., *see* Giles, C.M.
RIVAT PERAN, L., *see* Chaabani, H.
RODEY, G.E., *see* Granoff, D.M.
ROODUYN-MOEREL, L., *see* Claas, F.H.J.

RUBEN, L.N., JAMES, H.S., CLOTHIER, R.H. & BALLS, M. Genetic limits of thymic immunosuppression of anti-hapten antibody production in *Xenopus laevis laevis*, the South African clawed toad 97

SACHS, D.H., *see* Bluestone, J.A.
SACHS, D.H., *see* Thistlethwaite, J.R.
SANDRIN, M.S., *see* Bluestone, J.A.
SATO, H., *see* Ogasawara, K.
SCHREUDER, G.M.TH., *see* Giles, C.M.
SCHROFF, R.W., *see* Foon, K.A.
SEEGER, R.C., *see* Foon, K.A.
SHAPIRO, M. & GOLDBERG, E.H. Analysis of a serological determinant of H–Y antigens: evidence for carbohydrate specificity using an H–Y specific monoclonal antibody 209
SHARROW, S.O., *see* Bluestone, J.A.
SKANES, V. & LARSEN, B. 4* A6BQO: A 'new' C4 haplotype 371
SQUIRES, J.P., *see* Granoff, D.M.
SUAREZ, B., *see* Granoff, D.M.

TAKENOUCHI, T., *see* Ogasawara, K.
TANNER, M.J.A., *see* Ridgwell, K.
THISTLETHWAITE JR, J.R., AUCHINCLOSS JR, H., PESCOVITZ, M.D. & SACHS, D.H. Immunological characterization of MHC recombinant swine: role of class I and II antigens in *in vitro* immune responses 9
THOMAS, D.B., *see* Oliveira, O.L.P.
TIPPETT, P., *see* Oliveira, O.L.P.
TUNG, E., *see* Bonewald, L.

VAN EEDE, P., *see* de Lange, G.
VAN LEEUWEN, F., *see* de Lange, G.
VAN LOGHEM, E., *see* Chaabani, H.
VAN ROOD, J.J., *see* Claas, F.H.J.
VERGARA, U., PIZARRO, O. & ZUÑIGA, C. t^{ch} t^{sf} and t^{te}: three independently isolated t haplotypes in the mouse 155

WAKISAKA, A., *see* Ogasawara, K.
WALSH, L.J. & COX, D.W. Immunoglobulin (Gm) markers and α_1 antitrypsin (P1) types in rheumatoid arthritis and early onset chronic active hepatitis 115
WANG, A.C., *see* Bonewald, L.
WELL, L.J., *see* Giles, C.M.
WIKSTRAND, C.J., *see* Foon, K.A.
WOODHAMS, C.E., *see* O'Neill, H.C.
WRIGHT, P., *see* de Lange, G.

YOSHIDA, T., *see* Bixler Jr, G.S.
YOSHOKA, N., *see* Krco, C.J.

ZUÑIGA, C., *see* Vergara, U.

SUBJECT INDEX

ABO blood groups in Tunisian Berbers 107
Allogeneic reactivity
in normal serum 189
responses, in MHC recombinant pigs 9
responses in pregnancy 21
Alpha$_1$-antitrypsin in rheumatoid arthritis 115
Anaphylaxis, in response to penicillin-treated platelets 319
Antibody response
in pregnancy 21
in genetically selected rats 375
to GLA 251
suppression of 97
Antigen, binding to lymphoid cells 45, 63, 79
Antigenic sites
and T cell recognition 245, 327, 339
synthetic 245, 327, 339

B lymphocytes, antigen binding to 45, 63, 79
Baboon, lymphocyte markers in 219
Blood groups
ABO, in Tunisian Berbers 107
Chido & Rogers 305
LW, on human lymphocytes 297
N, monoclonal antibody against 121
Wr 365

C4 haplotypes in man 305, 371
Chido and Rogers, and *HLA* haplotypes 305

Disease associations
with α_1-antitrypsin 115
with HLA antigens 165, 181
with Ig allotypes 115, 159, 165, 173, 181

GLA copolymers, immune response to 251, 355

H-2 antigens
antibodies in normal mouse serum 189
in irradiation chimaeras 135
in MHC mutants 197
in *t* haplotype mice 127
on tumour cells 1

Qa 265
response against, in pregnancy 21
variation of expression 135
H-2 control of spleen mRNA 149
H-2 mutants, serological analysis of 197
H-Y antigen, monoclonal antibody 209
Haemoglobin, immune response to 33
Haemophilus influenzae disease, HLA and Ig allotypes 181
Hepatitis, Ig allotypes in 115
High and low responder rats 375
Histocompatibility antigens, alien 1
HLA
and C4 haplotypes in man 371, 305
and *Haemophilus influenza* disease 181
and retinitis pigmentosa 165

Ig allotypes
and *Haemophilus influenzae* disease 181
and hepatitis 115
and leprosy 173
and retinitis pigmentosa 165
and rheumatoid arthritis 115
in response to streptococcal antigen 159
in Tunisian Berbers 107
Immune response
against GLA copolymers 251, 355
against haemoglobin 33
against lysozyme 245, 327
against myoglobin 339
against penicillin-treated platelets 319
IgM in selected rats 375
in pregnancy 21

Leprosy, Ig allotypes and 173
LW antigen on human lymphocytes 297
Lysozyme, immune response to 245, 327

MHC
antigens on tumour cells 1
antigens, porcine 9
C4 haplotypes in man 305, 371
class I antigens 197
class II antigens, human-rat cross-reaction 255
class II antigens in pig 9
MHC mutants 197

Multiple antigen binding cells 45, 63, 79
Myoglobin, immune response to 339

N (blood group), monoclonal antibody against 121
Nomenclature, WHO-IUIS committee 259

Pig MHC 9
Pregnancy, immune response in 21
Primate Thy-1 233

Qa antigens, tissue distribution 265

Rats, IgM response in 375
Retinitis pigmentosa, HLA and Ig allotypes in 165
Rheumatoid arthritis, Ig allotypes in 115
RT1 antigens 255

SLA recombinant swine 9
Streptococcus antigen, Ig allotypes in response to 159

t haplotype mice 155
  H-2 antigens in 127
T cell recognition of antigen 33, 245, 327, 339
T cell response
  against GLA 251, 355
    haemoglobin 33
    lysozyme 245, 327
    myoglobin 239
Thy-1
  human 283
  primate 233
Thymus and immunosuppression 97
Toad, antibody response in 97
Tumour-associated antigens 1
Tunisian Berbers, Ig and ABO types in 107
Wr^b antigen 365

Xenopus laevis laevis, antibody response in 97